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ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the

YEAR 1958



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PUBLIC HEALTH OFFICERS OF THE AUTHORITY

| | | |
|--------------------------------|--------|------------------------------------|
| Miss Kathleen M. Harding | ... | Medical Officer of Health |
| M.D., D.P.H., A.K.C. | | |
| Mr. J. W. Good | | Public Health Inspector and |
| A.R.S.I., M.I.San.E., M.S.I.A. | | Water Engineer |
| Mr. W. L. Brown | | Additional Public Health Inspector |

To the Chairman and Members of the Council.

Madam Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report of the Medical Officer of Health for 1958.

Vital Statistics: The estimated population continues to rise slightly. The Standardised Birth Rate has fallen from the high figure of the previous year (18.98) to 17.41.

The Still Birth Rate is lower than the national figure and the Infant Mortality Rate has fallen from 32.0 to 8.55.

The Standardised Death Rate (8.73) remains considerably lower than the rate for England and Wales (11.7).

There was no significant change from the previous year in the various causes of death.

Infectious Diseases: There were seven cases of Infective Hepatitis and 19 cases of Acute Pneumonia notified. No notifiable infectious disease reached epidemic proportions.

I should like to conclude by recording my gratitude to the Chairman and members of the Council for their support and encouragement during the year. My thanks are also due to the two Public Health Inspectors, Mr. Good and Mr. Brown and to other officers and staff of the Council.

I am,
Yours faithfully,

K. M. HARDING

Medical Officer of Health

1. GENERAL STATISTICS

| | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|--------------|
| Area | ... | ... | ... | ... | ... | ... | 45,029 acres |
| Estimated Population (Registrar General's figures) | ... | ... | ... | ... | ... | ... | 16,670 |
| Inhabited houses | ... | ... | ... | ... | ... | ... | 4,680 |
| Rateable value | ... | ... | ... | ... | ... | ... | £154,859 |
| Sum represented by a penny rate | ... | ... | ... | ... | ... | ... | £654 |

2. VITAL STATISTICS

Live Births

| | M. | F. | <u>Total</u> |
|--------------|-----|-----|--------------|
| Legitimate | 119 | 112 | 231 |
| Illegitimate | 1 | 2 | 3 |
| | 120 | 114 | 234 |

| | |
|---|-------|
| Crude Birth Rate per 1,000 population (Samford) | 14.04 |
| Comparability factor | 1.24 |
| Standardised Birth Rate = | |
| Crude rate x Comparability factor | 17.41 |
| Live Birth Rate - England and Wales | 16.4 |

Still Births

| | M. | F. | <u>Total</u> |
|--------------|----|----|--------------|
| Legitimate | 4 | - | 4 |
| Illegitimate | - | - | - |
| | 4 | - | 4 |

| | |
|---|-------|
| <u>Still Birth Rate</u> per 1,000 total live and still births | 16.81 |
| " " " " " " " | |

England and Wales 21.6

Infant Mortality (deaths of Infants under 1 year)

| | M. | F. | <u>Total</u> |
|--------------|----|----|--------------|
| Legitimate | 1 | - | 1 |
| Illegitimate | 1 | - | 1 |
| | 2 | - | 2 |

Neonatal Deaths (deaths of Infants under 4 weeks of age)

| | M. | F. | <u>Total</u> |
|--------------|----|----|--------------|
| Legitimate | 1 | - | 1 |
| Illegitimate | 1 | - | 1 |
| | 2 | - | 2 |

2. Continued

Infant Mortality Rate

| | | | | | |
|------------------------------------|-----|-----|-----|-----|------|
| Per thousand live births - Samford | ... | ... | ... | ... | 8.55 |
| " " " " - England and Wales | ... | ... | ... | ... | 22.5 |

Deaths

| | M. | F. | <u>Total</u> |
|---|----|----|--------------|
| | 95 | 87 | 182 |
| Crude Death Rate per 1,000 population (Samford) | | | 10.92 |
| Comparability factor | | | 0.80 |
| Standardised Death Rate = | | | |
| Crude Rate x Comparability factor | | | 8.73 |
| Death Rate England and Wales | | | 11.7 |

3. CAUSES OF DEATH

| | M. | F. | <u>Total</u> <u>1958</u> | <u>Total</u> <u>1957</u> |
|---|----|----|-----------------------------|-----------------------------|
| Tuberculosis - respiratory | - | - | - | 1 |
| Syphilitic disease | 1 | - | 1 | 1 |
| Acute poliomyelitis | - | - | - | 1 |
| Malignant neoplasm-stomach | 2 | 2 | 4 | 2 |
| " " -lung, bronchus | 2 | - | 2 | 7 |
| " " -breast | - | 4 | 4 | - |
| " " -uterus | - | 4 | 4 | 1 |
| Other Malignant and lymphatic neoplasms | 9 | 10 | 19 | 20 |
| Leukaemia, aleukaemia | - | 1 | 1 | 2 |
| Diabetes | 1 | 1 | 2 | 2 |
| Vascular diseases of nervous system | 5 | 18 | 23 | 20 |
| Coronary disease, angina | 14 | 8 | 22 | 24 |
| Hypertension with heart disease | 1 | 2 | 3 | 5 |
| Other heart diseases | 13 | 12 | 25 | 22 |
| Other circulatory diseases | 6 | 3 | 9 | 8 |
| Influenza | - | - | - | 2 |
| Pneumonia | 7 | 6 | 13 | 10 |
| Bronchitis | 11 | 3 | 14 | 7 |
| Other diseases of respiratory system | 3 | 1 | 4 | 1 |
| Ulcer of stomach and duodenum | 1 | - | 1 | 2 |
| Gastritis, enteritis, and diarrhoea | 1 | 1 | 2 | 1 |
| Nephritis and Nephrosis | 2 | 1 | 3 | 4 |
| Hyperplasia of prostate | 2 | - | 2 | 4 |
| Pregnancy, childbirth, abortion | - | - | - | - |
| Congenital malformations | - | - | - | 4 |
| Other defined and ill defined diseases | 12 | 10 | 22 | 15 |
| Motor vehicle accidents | 1 | - | 1 | - |
| All other accidents | - | - | - | 2 |
| Suicide | 1 | - | 1 | 2 |
| | 95 | 87 | 182 | 168 |

4. COMPARATIVE STATISTICAL TABLE FOR PAST FIVE YEARS

| | 1954 | 1955 | 1956 | 1957 | 1958 | England & Wales |
|--------------------------------|-------|-------|-------|-------|-------|--------------------|
| Estimated Population | 16410 | 16250 | 16110 | 16330 | 16670 | |
| Total live births | 199 | 229 | 231 | 250 | 234 | |
| Crude birth rate | 12.13 | 14.09 | 14.34 | 15.31 | 14.04 | |
| Standardised birth rate | 15.16 | 17.61 | 15.92 | 18.98 | 17.41 | 16.4 |
| Deaths of Infants under 1 year | 3 | 6 | 8 | 8 | 2 | |
| Infant Mortality Rate | 15.08 | 26.20 | 34.63 | 32.0 | 8.55 | 22.5 |
| Total Deaths | 199 | 185 | 167 | 158 | 182 | |
| Crude Death Rate | 12.25 | 11.38 | 11.48 | 9.68 | 10.92 | |
| Standardised Death Rate | 10.54 | 9.79 | 8.38 | 7.26 | 8.73 | 11.7 |

5. MONTHLY NOTIFICATIONS OF NOTIFIABLE DISEASES (EXCLUDING TUBERCULOSIS)

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|-------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|-------|
| Scarlet Fever | - | - | 7 | - | - | - | - | - | - | - | - | - | 7 |
| Whooping Cough | - | - | - | - | - | - | - | - | - | 2 | - | - | 2 |
| Measles | - | - | 5 | 4 | - | 4 | 6 | 6 | 2 | - | - | - | 27 |
| Meningococcal Infection | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 |
| Acute Pneumonia | 3 | 1 | 3 | 3 | - | - | 1 | - | - | 3 | - | 5 | 19 |
| Infective Hepatitis | - | - | - | 2 | - | 1 | - | 1 | - | - | 2 | 1 | 7 |
| | 3 | 1 | 15 | 9 | - | 5 | 7 | 7 | 2 | 6 | 2 | 6 | 63 |

5. Continued NOTIFIABLE DISEASES (EXCLUDING TUBERCULOSIS) - AGE DISTRIBUTION

| | 0- | 1- | 2- | 3- | 4- | 5-9 | 10-14 | 15-24 | 25 and over | Total |
|-------------------------|----|----|----|----|----|-----|-------|-------|-------------|-------|
| Scarlet Fever | - | - | - | - | - | 5 | 2 | - | - | 7 |
| Whooping Cough | - | - | - | 1 | - | 1 | - | - | - | 2 |
| Measles | - | 2 | 4 | 2 | 4 | 13 | 2 | - | - | 27 |
| Meningococcal Infection | - | - | - | - | - | - | - | 1 | - | 1 |
| Acute Pneumonia | - | - | - | - | - | - | - | 16 | 3 | 19 |
| Infective Hepatitis | - | - | - | - | - | 1 | - | 1 | 5 | 7 |
| | - | 2 | 4 | 3 | 4 | 20 | 4 | 18 | 8 | 63 |

NOTIFIABLE DISEASES (EXCLUDING TUBERCULOSIS) TOTALS FOR PAST FIVE YEARS

| | 1954 | 1955 | 1956 | 1957 | 1958 |
|---|------|------|------|------|------|
| Scarlet Fever | 37 | 12 | 10 | - | 7 |
| Whooping Cough | 72 | 19 | 26 | 46 | 2 |
| Diphtheria | - | - | - | - | - |
| Measles | 6 | 286 | 8 | 311 | 27 |
| Pneumonia | 2 | 1 | 1 | 19 | 19 |
| Meningococcal Infection | - | - | - | - | 1 |
| Acute Poliomyelitis - paralytic | 2 | 1 | - | 1 | - |
| Acute Poliomyelitis - non-paralytic | 1 | - | - | - | - |
| Acute encephalitis - post-infectious | - | - | - | 1 | - |
| Dysentery | - | 2 | 1 | 3 | - |
| Puerperal Pyrexia | 2 | - | - | - | - |
| Erysipelas | - | 1 | - | 1 | - |
| Infective Hepatitis | 16 | 5 | 3 | - | 7 |
| Paratyphoid Fever | - | - | 2 | - | - |
| Typhoid Fever | - | - | 4 | - | - |
| Food Poisoning | 3 | 1 | - | 8 | - |

6. TUBERCULOSIS

(a) Number of cases on Register at beginning of year

| <u>Males</u> | | <u>Females</u> | | <u>Total</u> |
|------------------|----------------------|------------------|----------------------|--------------|
| <u>Pulmonary</u> | <u>Non-Pulmonary</u> | <u>Pulmonary</u> | <u>Non-Pulmonary</u> | |
| 38 | 15 | 26 | 12 | 91 |

(b) New cases notified during year

| <u>Males</u> | | <u>Females</u> | |
|------------------|----------------------|------------------|----------------------|
| <u>Pulmonary</u> | <u>Non-Pulmonary</u> | <u>Pulmonary</u> | <u>Non-Pulmonary</u> |
| 1 | 1 | 4 | 2 |

(c) Other cases added to the Register (including inward transfers)

| <u>Males</u> | | <u>Females</u> | |
|------------------|----------------------|------------------|----------------------|
| <u>Pulmonary</u> | <u>Non-Pulmonary</u> | <u>Pulmonary</u> | <u>Non-Pulmonary</u> |
| - | - | 4 | 1 |

(d) Cases dying during the year

| <u>Males</u> | | <u>Females</u> | |
|------------------|----------------------|------------------|----------------------|
| <u>Pulmonary</u> | <u>Non-Pulmonary</u> | <u>Pulmonary</u> | <u>Non-Pulmonary</u> |
| - | - | - | 1 |

(e) Cases that recovered during year

| <u>Males</u> | | <u>Females</u> | |
|------------------|----------------------|------------------|----------------------|
| <u>Pulmonary</u> | <u>Non-Pulmonary</u> | <u>Pulmonary</u> | <u>Non-Pulmonary</u> |
| 2 | - | 5 | 1 |

(f) Cases moving away from District during the year (outward transfers)

| <u>Males</u> | | <u>Females</u> | |
|------------------|----------------------|------------------|----------------------|
| <u>Pulmonary</u> | <u>Non-Pulmonary</u> | <u>Pulmonary</u> | <u>Non-Pulmonary</u> |
| 5 | - | 2 | 2 |

(g) Cases on Register at end of year

| <u>Males</u> | | <u>Females</u> | | <u>Total</u> |
|------------------|----------------------|------------------|----------------------|--------------|
| <u>Pulmonary</u> | <u>Non-Pulmonary</u> | <u>Pulmonary</u> | <u>Non-Pulmonary</u> | |
| 32 | 16 | 27 | 11 | 86 |

6. Continued

(h) Tuberculosis Notifications during past five years

| <u>Male</u> | <u>1954</u> | <u>1955</u> | <u>1956</u> | <u>1957</u> | <u>1958</u> |
|---------------|-------------|-------------|-------------|-------------|-------------|
| Pulmonary | 3 | 7 | 6 | 6 | 1 |
| Non-pulmonary | - | 2 | 2 | 1 | 1 |
| <u>Female</u> | | | | | |
| Pulmonary | 2 | 1 | 5 | 5 | 4 |
| Non-pulmonary | 2 | 3 | 1 | 2 | 2 |

7. DIPHTHERIA IMMUNISATION (Details kindly supplied by the
County Medical Officer)

Number of children receiving primary immunisation in 1958 - 185

Number of children receiving booster injections - 173

8. VACCINATION AGAINST SMALLPOX

Primary vaccinations - 185

Revaccinations - 36

9. WATER SUPPLIES AND SEWERAGE

Full details will be found in the report of the Public Health Inspector.

10. PREVENTIVE MEASURES AGAINST WELL WATER CYANOSIS

Number of notifications from County Council - 154

Number receiving mains supply presumed safe - 122

Sampled and found safe - 17

Sampled and found unsafe - 15

11. HOUSING

Details of new houses and bungalows completed during the year will be found in the report of the Public Health Inspector.

12. MEAT INSPECTION FIGURES, 1958

Please refer to the section of the report compiled by the Public Health Inspector.

13. MILK AND DAIRIES REGULATIONS

Examination of Milk Samples

Number of samples taken by East Suffolk County Council - 92
Number of samples found to contain tuberculin organisms - Nil
Number of samples found to contain brucella organisms - Nil

14. FACTORIES ACT, 1937

Ministry of Labour and National Service Form 572 is attached.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 311

LECTURE 1

1.1. Introduction to the course

1.2. The course

1.3. The course

1.4. The course

1.5. The course

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